

## **Program Control Heating Water Bath|Thermostatic**

### **Bath**

**(BCXSC Series| Ambient~300℃)**



#### **Product Description**

BCXSC series program control thermostat enhances the humanization of thermostat control. The temperature and time can be programmed intelligently, and the heating speed can be set automatically according to user's requirements. The thermostatic water bath by PID temperature control technology can reach high precision of temperature up to 0.1 °C. The temperature covers the ranges from ambient to 300°C. With the circulating system, the water bath can let the heated liquid flow off from the tank and offer a secondary constant-temperature field. It is widely applied in research institutes, universities, corporate quality control departments and industrial sectors like petroleum, chemical engineering, electronic instruments, physics, chemistry, bio-engineering, medicine and health, life science, light industry and food, materials testing and chemical analysis etc. It can provide the user with a working environment where cold or heat was controlled accordingly.

#### **Product Features**

1. The temperature and time can be programmed intelligently.
2. The heating speed can be set automatically according to user's needs.
3. Various parameter settings( including the input/shift/digital keys/temperature/time/other advanced control parameters)
4. PID temperature control technology,the optional volatility is  $\pm 0.1$  °C.
5. High quality resistant stainless steel liner with volume from 5L to 70L is available.
6. Fully enclosed compressor with high speed and low noise.
7. With internal and external circulation system.
8. Big screen LCD display, easy to operate.
9. Over temperature protection system with alarm and automatic cut-off.
10. RS232 or RS485 communication interface is optional and can realize the remote control.
11. The inner groove can be equipped with lifting bracket to adjust the height of special experimental samples.

## Application

The program control heating water bath is suitable for petroleum, chemical industry, electronic instrument, physics, chemistry, biological engineering, medicine and health, life science, light industry and food, physical property testing and chemical analysis and other research departments, colleges and universities, enterprise quality inspection and production departments. For example, the constant temperature of biochemical experiment or sample test, the measurement and calibration of thermometer and platinum resistance, supporting fermentation tank, polarizing apparatus, electrophoresis apparatus, photometer, chromatographic column, rotary viscometer, rotary evaporator, rheometer and so on.

## Technical Specification

Model	Temperature Range °C	Temperature Volatility °C	Tank Size (mm <sup>3</sup> )	Tank Depth (mm)	Volume (L)	Pump Flow (L/min)
BCXSC-15	ambient~100	0.1	235×160	200	15	6
BCXSC-30	ambient ~100	0.1	310×280	230	30	6
BCXSC-40	ambient ~100	0.1	400×380	200	40	Internal recycle

BCXSC-70	ambient ~100	0.1	600×300	300	70	Internal recycle
BCXSC-15A	ambient ~200	0.1	235×160	200	15	Internal recycle
BCXSC-30A	ambient ~200	0.1	310×280	230	30	Internal recycle
BCXSC-40A	ambient ~200	0.1	400×380	200	40	Internal recycle
BCXSC-70A	ambient ~200	0.1	600×300	300	70	Internal recycle
BCXSC-5D	ambient ~300	0.1	150×180	150	5	Internal recycle
BCXSC-10D	ambient ~300	0.1	200×200	170	10	Internal recycle
BCXSC-15D	ambient ~300	0.1	240×180	200	15	Internal recycle
BCXSC-20D	ambient ~300	0.1	310×280	150	20	Internal recycle
BCXSC-30D	ambient ~300	0.1	310×280	230	30	Internal recycle
BCXSC-50D	ambient ~300	0.1	400×380	250	50	Internal recycle

## Service

1. 12 months warranty for thermostatic water bath.
2. Technical support is also available timely.
3. Reply your enquiry within 24 working hours.

4. OEM is available if the quantity is large.
5. Package and shipping worldwide.